ABSTRACT OF THE DISCLOSURE

A semiconductor laser driving apparatus for driving a semiconductor laser for directing light to an optical disc for recording a recording mark on the optical disc based on a recording current and reproducing the recording mark recorded on the optical disc so as to generate a reproduction signal. The semiconductor laser driving apparatus includes a reproduction current generation section for generating the reproduction current; a high frequency current generation section for generating a high frequency current including a high frequency component for reducing semiconductor laser noise included in the reproduction; a recording current generation section for generating the recording current, the recording current including a pulse corresponding to the recording mark and the pulse including a plurality of multi-pulses; and a current driving section for amplifying the reproduction current and the recording current. The high frequency component included in the high frequency current generated by the high frequency current generation section is enhanced at the time of reproduction, and the high frequency component included in the recording current generated by the recording current generation section is enhanced at the time of recording. The semiconductor laser driving apparatus further includes a filter for operating so as to attenuate the enhanced high frequency component included in the high frequency current generated by the high frequency current generation section and the enhanced high frequency component included in the recording current generated by the recording current generation section; and a switching section for switching the filter on or off so that the enhanced high frequency

component included in the recording current is superposed on at least one of the plurality of multi-pulses included in the pulse of the recording current.